

Meeting Minute Approval Sheet

**222-S Project Managers Meeting & Misc. Lab Issues
(TSD: TS-2-1)**

Federal Building, Room 340

August 28, 2003

9:15 – 10:00 p.m.

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DOE: *LEB 10/1/03*
Elizabeth Bowers *Oct 7, 2003*
Elizabeth Bowers Date

ECOLOGY: *Rick Bond* *Oct. 30, 2003*
Rick Bond Date

MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)

8/28/03

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Meeting Attendees:

Elizabeth Bowers, DOE RL
Rick Bond, Ecology
Noel Smith-Jordan, Ecology
Lucinda Borneman, FH
Don Hardy, FH

Andrew Stevens, DOE ORP
Tracy Gao, Ecology
Jay Warwick, FH
Ray Akita, FH

Introduction:

Ms. Elizabeth Bowers, RL, called the meeting to order at 9:15 a.m. She introduced Mr. Andy Stevens, ORP. Mr. Stevens will be the DOE program lead for the 222-S Laboratory Complex when the laboratory scope transitions to ORP on October 1, 2003. All parties introduced themselves and provided brief background information. Mr. Stevens discussed his commercial and DOE nuclear background.

Approval of Previous Meeting Minutes:

RL and Ecology approved the July 24, 2003 meeting minutes.

Status of Action Items:

There are no open action items.

222-S Laboratory TSD Issues:

ORP related that the 222-S Laboratory Part A, Form 3, Revision 10, is on schedule for re-submittal to Ecology by September 5, 2003. Revision 10 reflects the change in Co-operator for the laboratory (i.e., from Fluor Hanford to CH2M HILL) and dual operators (i.e., DOE RL and DOE ORP). Ecology related that the 222-S Laboratory Complex final status RCRA permit continues on hold in Ecology, pending resolution of other units' issues.

222-S Laboratory Operations:

Mr. Don Hardy and Mr. Ray Akita presented the 222-S Operations and Analytical reports for August by telecon. The reports are attached.

WSCF Laboratory Operations:

Mr. Warwick, FH, presented the WSCF Operations Report for August, which is attached.

Miscellaneous Issues

222-S Laboratory Transition: Mr. Rick Bond related that Ecology is evaluating whether or not to move the Laboratory into the Ecology DST organization.

MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)

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DOE and Ecology discussed the Project Managers Meetings (PMM), in light of the upcoming transition. It was agreed that:

- RL would not participate in the PMM and the discussions would focus on the 222-S Laboratory Complex TSD units, as required by the Tri-Party Agreement. Therefore, WSCF will not be discussed in the 222-S Laboratory Complex PMM. Ecology will pursue information regarding WSCF on an as needed basis through other avenues.
- Ecology will continue their monthly visits to 222-S Lab.
- The 222-S PMM will continue unchanged through December 2003. ORP will evaluate whether or not to move the 222-S PMM into the DST/SST PMM structure or to remain in the current PMM venue.

Next Meeting:

October 2, 2003

Federal Building, room 340

9:15 – 10:00 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
8/24/03

Attachment 1
List of Attendees
Agenda
Action Items
Other Handouts

222-S Project Managers Meeting & Misc. Lab Issues
Federal Building rm. 340
August 28, 2003
9:15 – 10:00 a.m.

Agenda

1. Introductions
 - 1.1. Introduction of ORP's 222-S Project Manager (Andy Stevens)
2. Approval of Previous Meeting Minutes
3. Status of Action Items
4. 222-S TSD Issues
5. 222-S Laboratory
 - 5.1. Operational Report
6. WSCF Laboratory
 - 6.1. Operational Report
7. Misc. Issues
 - 7.1. 222-S Laboratory transition to ORP and CH2M HILL
 - 7.1.1. Status of transition
 - 7.1.2. TPA PMM related transitions items:
 - 7.1.2.1. Ecology
 - 7.1.2.2. Future WSCF involvement
8. Review of New Action Items

222-S Project Managers Meeting & Misc. Lab Issues

August 28, 2003

9:15 - 10:00 a.m.

ATTENDEES

Name	Affiliation	MSIN	Phone
LE Borneman	FH / Anal Services		
Andy Stevens	DOE ORP		
Rick Bond	Ecology		736-3007
Tracy Gao	Ecology		736-5718
Noel Smith-Jackson	Ecology		736-3047
Jay Warwick	FH / WSCF		373-2076
Elizabeth Bowers	DOE-RL	A2-15	373-9276
Ray Akita	FH / 222-S		
Don Hardy	FH / 222-S		

Per
Telecon
Per
Telecon

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
8/24/03

Attachment 2
222-S Lab Operations Report
WSCF Operations Report

MONTHLY OPERATIONS REPORT

222-S LABORATORY

August 2003

Replaced 296-S-16 stack exhauster motor starter the end of July. Failure of the starter motor to restart after the July 3 power outage resulted in the shutdown 219-S tank exhaust system. No radioactive releases occurred as a result of the outage.

222-S Laboratory replaced one of three sanitary water distribution lines over the August 1 weekend, and retested backflow preventers. No analytical work was performed in the laboratory during the outage. The laboratory was place back in service on August 4.

The W-314 Project, which will upgrade Tank Farm waste transfer lines, and the 222-S Laboratory began planning for work in the 219-S Vault. The project will replace piping and valves within the 219-S Vault that are involved in waste transfers out of Tank 102 to the Double Shell Tank Farm, and monitoring devise for the waste transfer line secondary containment. An initial entry into the 219-S Vault will occur in August to survey, and measure piping with intrusive work scheduled to start in early FY2004. Project W-314 is incentivized for a 12/31/03 completion.

In support of W-314, 222-S submitted a request to transfer waste from the 219-S Tank System to the Double Shell Tank System. The transfer is tentatively scheduled for early September. The transfer will empty 219-S Tank System, Tank 102 and allow for a flush of clean water thereby minimizing dose and cleaning out the pipes prior to intrusive work.

Installed a waste drum ventilator in Room 4E. The ventilator will allow for better ventilation of drums during packing and re-packing operations. The ventilator was successfully installed, approved for use, and placed in operation.

Work continues on the 222-S Main Stack (i.e., 296-S-21) re-design effort. FFS is completing design for the 296-S-21 stack sampling system and installation of a turbulator in the stack.

222-S Analytical and Environmental organizations are evaluating the continued use of Operator Aids at the hood to specify waste streams and analytical procedures that may be performed in the hoods. The Operator Aids were instituted for this purpose during the 1996 Settlement Agreement with Ecology as a mechanism to control waste movement between Satellite Accumulation Areas. Since that time, procedural and administrative controls have been established so that the Operator Aids contain redundant information and are being evaluated for removal.

Continued with waste packaging activities within 222-S. In July to August, 222-S Laboratory shipped 8 drums of hazardous waste offsite for treatment, shipped 7 containers and 4 Boxes of Radioactive Low Level Waste for disposal at the Low Level Burial Ground, and shipped 8 containers of radioactive mixed waste for storage at CWC.

MONTHLY ANALYTICAL REPORT

222-S Laboratory

August 2003

The Inorganic Chemistry team received a 100% score (47 out of 47 analytes) for the ERA Soil-42 performance evaluation study. The Organic Team also analyzed the performance evaluation samples, but did not submit them to ERA for evaluation. Internal scoring by QA determined they correctly identified and quantified 40 out of 41 analytes.

222-S Laboratory is expanding organic analysis capability of both volatile and semi-volatile organic compounds. Two new GC/MS instruments have been purchased and installed. Validation of methods for semi-VOA and VOA in support of tank closure is complete, and the methods are ready for samples.

222-S Laboratory is in the process of validating new equipment for Total Inorganic Carbon/Total Organic Carbon analyses (TIC/TOC). The instrument is not currently performing well for total carbon analyses. This appears to be due to an inability to detect inorganic carbon at the levels typical in Hanford wastes. The vendor has been contacted to assist in resolution.

222-S Laboratory continues the process of implementing the new GEA Operating System in the Counting Room. Counting room Chemists have become certified Microsoft Windows System Administrators and calibration of the equipment is 60% complete.

A refrigerator in Room # 2B of 222-S Laboratory, used for storing organic samples, malfunctioned and froze some of the samples. Some sample bottles were broken due to the freezing and the remaining sample they contained was lost. Sub samples had been pulled from each of these bottles for organic analyses and it is believed there will be enough material to complete most if not all of the required inorganic and Radchem analyses. A recovery plan is in place to decontaminate the refrigerator prior to repair.

WSCF Status
August 2003

Operations Report:

Number of days since facility occupancy on October 1, 1993 without a time-loss injury: 3601

Procedure Writers are in the process of identifying Laboratory Analytical and Operating procedures that apply to both laboratories specifically to WSCF use. All of them have 222-S approval authorities. They'll need to be assigned to WSCF technical authorities and perhaps will need to be validated for WSCF use.

Work continues on updating/revision of the WSCF waste management procedures. LO-100-401 "HMC Waste Handling" has been revised to incorporate the requirements of LO-100-466 "Manage Satellite Accumulation Areas and 90-Day Accumulation Areas" and LO-040-402 "Inspection Plan for 90-Day Accumulation Areas, Satellite Accumulation Areas, and PCB Storage Areas."

Analytical Report:

Received new GC-MS that performs head space gas analysis for WIPP and the room is being modified for installation.

Three new instruments have been ordered as replacements due to age.

Total Organic Carbon,
Total Halides, and
Total Organic Halides

An offer was officially extended by Fluor Federal Services for a Chemist to support the WIPP program.

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author

L. E. Borneman, 373-2821

Addressee

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Correspondence No.

Subject:

222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES
(TSD: TS-2-1), AUGUST 2003

DISTRIBUTION

Approval

Date

Name

CH2M HILL Hanford Group, Inc.

Administrative Record

H6-08

H. L. Anastos

T6-14

L. E. Borneman

T6-16

S. B. Fowler

H6-03

D. B. Hardy

T6-14

B. R. Hill

T6-03

M. N. Jarayssi

H6-03

P. C. Miller

R1-51

J. L. Westcott

T4-05

222-S Regulatory File

T6-14

LEB File/LB

T6-14

U.S. Department of Energy

Office of River Protection

W. Russell

H6-60

A. J. Stevens

H6-60

Washington State Department of Ecology

F. W. Bond

B5-18

T. Z. Gao

B5-18

D. G. Singleton

B5-18

LE Borneman 11/17/03